

# BookletChart™

## Burlington Harbor

NOAA Chart 14785

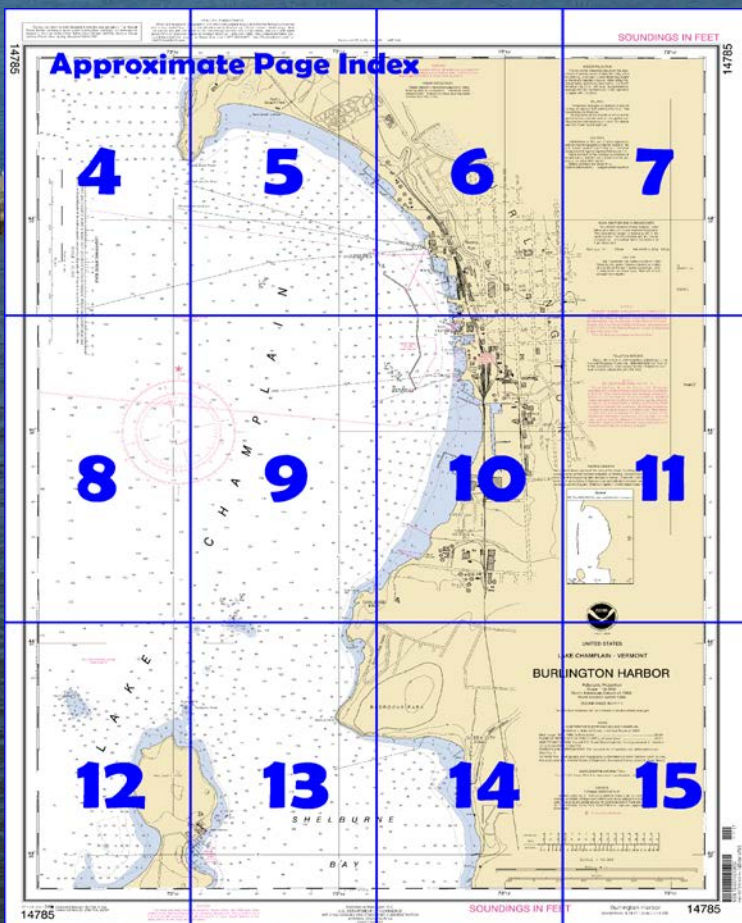


*A reduced-scale NOAA nautical chart for small boaters*

*When possible, use the full-size NOAA chart for navigation.*



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the**  
**National Oceanic and Atmospheric Administration**  
**National Ocean Service**  
**Office of Coast Survey**  
[www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov)  
**888-990-NOAA**

### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

### What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

### Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=14785>



#### (Selected Excerpts from Coast Pilot)

Burlington, VT, just north of the entrance to Shelburne Bay, is the largest port on Lake Champlain. Several companies have dock facilities for receipt of petroleum products by barge. The Hilton Hotel, with a red lighted sign, is the most prominent object in the harbor approach. Burlington Breakwater North Light (44°28'50"N., 73°13'47"W.), 35 feet above the water, is shown from a white square lighthouse on the north end of the N

breakwater.

**Channels**—Two detached breakwaters parallel the shore and protect the harbor front from west. Lights are on the north end of the north

breakwater and on the south end of the south breakwater, and a daybeacon marks the north side of the gap between them. Depths in the harbor are 6 to 12 feet off the wharves increasing to much greater depths at the breakwaters. Good anchorage is available behind the breakwaters.

**Anchorage**—A special anchorage area for vessels less than 65 feet in length is about 0.2 mile northeast of Burlington Breakwater South Light. (See 33 CFR 110.1 and 110.8(h), chapter 2, for limits and regulations.) A special anchorage area for vessels less than 35 feet is off the east side of the south breakwater. (See 33 CFR 110.1 and 110.136, chapter 2, for limits and regulations.)

**Coast Guard**—Burlington Coast Guard Station is at the north end of the harbor, east of Burlington Breakwater North Light.

**Harbor regulations**—Harbor regulations are established by the Burlington City Council and are enforced by the harbor master, who may be reached at City Hall. A speed limit of 5 mph is enforced in the city yacht basin. Copies of the regulations may be obtained from the Mayor, City Hall, Burlington, VT 05401.

**Small-craft facilities**—Marinas in the city yacht basin 0.6 mile southeast of Burlington Breakwater North Light provide transient berths, gasoline, diesel fuel, water, ice, electricity, and a launching ramp.

**Ferry**—Passenger and automobile ferries operate seasonally between Burlington and Port Kent, NY, 10 miles west-northwest.

**Caution**—An operations area for amphibious and air rescue training is in midlake west of Burlington, bounded generally by Schuyler Reef, Appletree Shoal, Juniper Island, and The Four Brothers. The using agency is Plattsburgh Air Force Base.

### U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Cleveland

Commander  
9th CG District  
Cleveland, OH

(216) 902-6117

# Table of Selected Chart Notes

## Pump-out facilities

### CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

### HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.190° northward and 1.540° eastward to agree with this chart.

### CAUTION



Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

### CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

 (Accurate location)    (Approximate location)

### RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

### POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

### WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

### NOTE Z

#### NO-DISCHARGE ZONE, 40 CFR 140

Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: [http://www.epa.gov/owow/oceans/regulatory/vessel\\_sewage/](http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/).

### NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Burlington, Vt      KIG-60      162.400 MHz (Chan. WX-2)

### NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Boston, Massachusetts or at the Office of the District Engineer, Corps of Engineers in New York, New York.

Refer to charted regulation section numbers.

### CAUTION

#### POTABLE WATER INTAKE

Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

### SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

### NOTES

#### COMPARATIVE ELEVATIONS ON LAKE CHAMPLAIN (referred to National Geodetic Vertical Datum of 1929)

Mean stage 1900 - 1989, both inclusive .....95.8ft.  
PLANE OF REFERENCE ON THIS CHART (Low Lake Level) .....93.0ft.

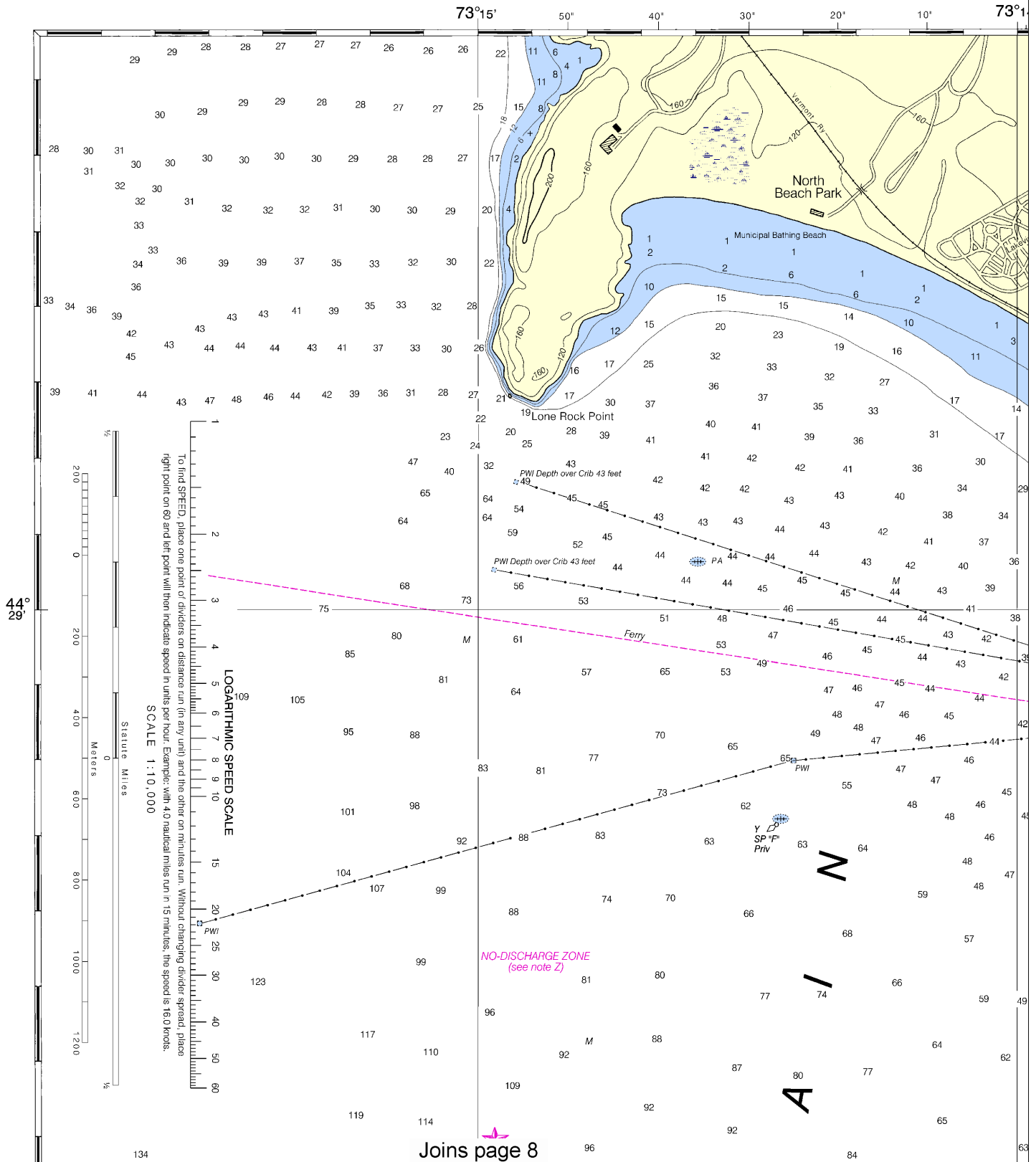
AUTHORITIES. Hydrography and Topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

PRINT-ON-DEMAND CHARTS  
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, <http://NauticalCharts.gov>, [help@NauticalCharts.gov](mailto:help@NauticalCharts.gov), or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or [help@OceanGrafix.com](mailto:help@OceanGrafix.com).

For

14785

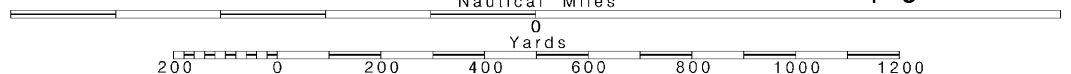


Joins page 8

Printed at reduced scale.

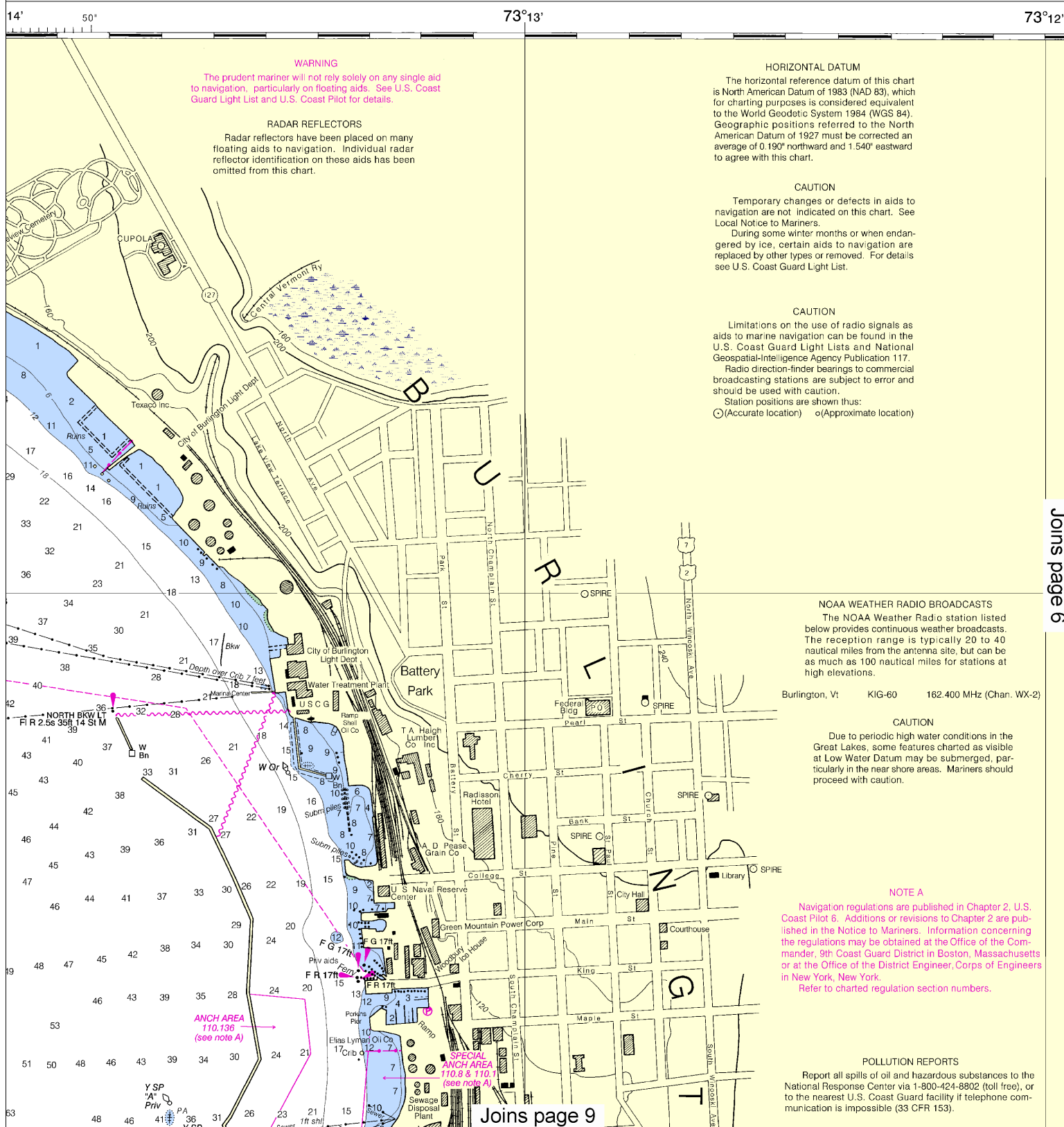
SCALE 1:10,000

See Note on page 5.



Note: Chart grid lines are aligned with true north.

4



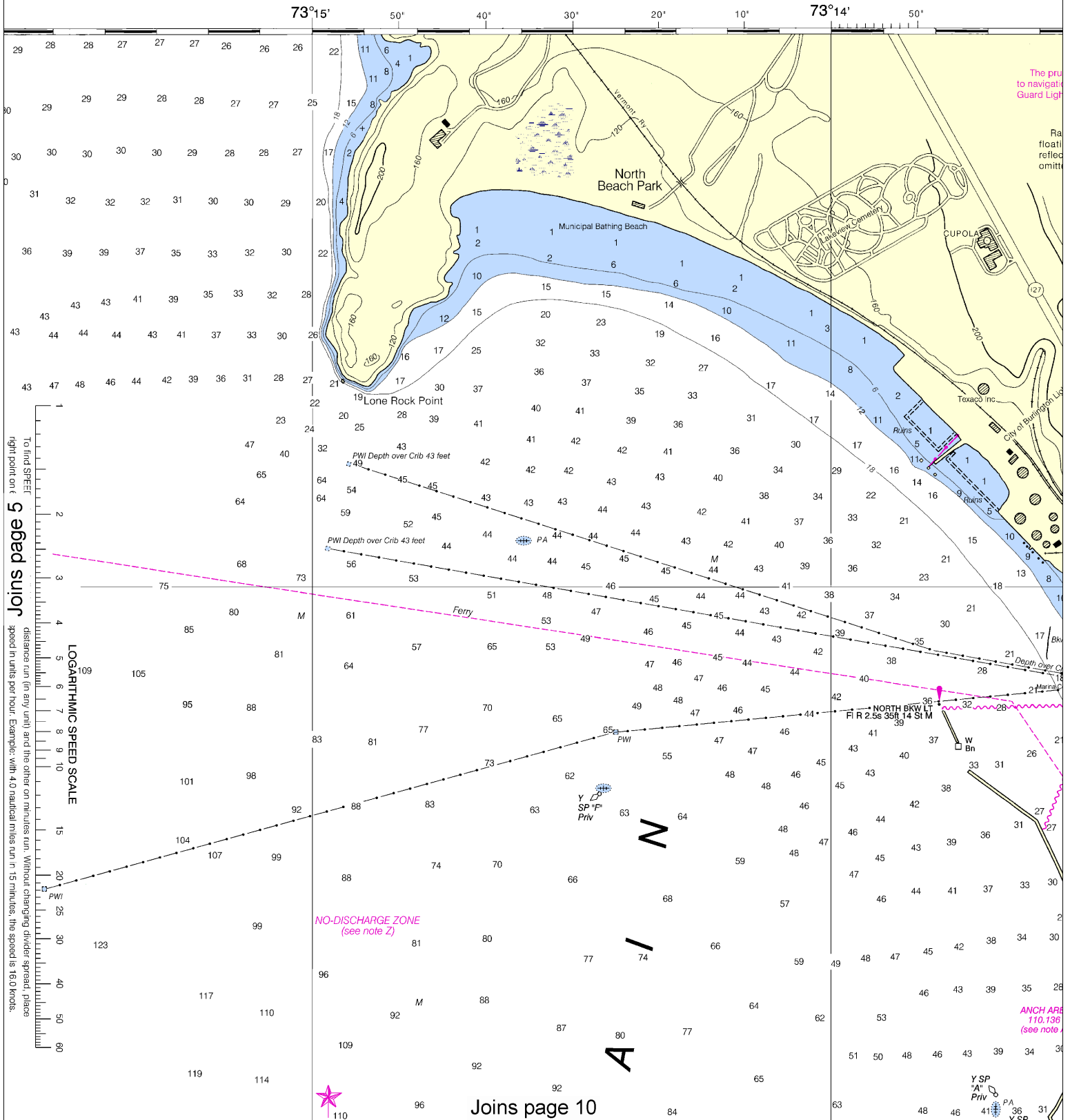
This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:13333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

PRINT-ON-DEMAND CHARTS

igned to promote safe navigation. The National  
submit corrections, additions, or comments for  
arine Chart Division (N/C52), National Ocean  
and 20910-3282.

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners  
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[help@NauticalCharts.gov](mailto:help@NauticalCharts.gov), or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or  
[help@OceanGrafix.com](mailto:help@OceanGrafix.com).

Formerly LS 175, 1st Ed., June 1884 KAPP 1028



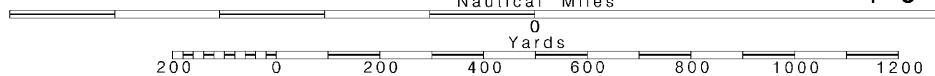
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Note: Chart grid  
lines are aligned  
with true north.

Printed at reduced scale.

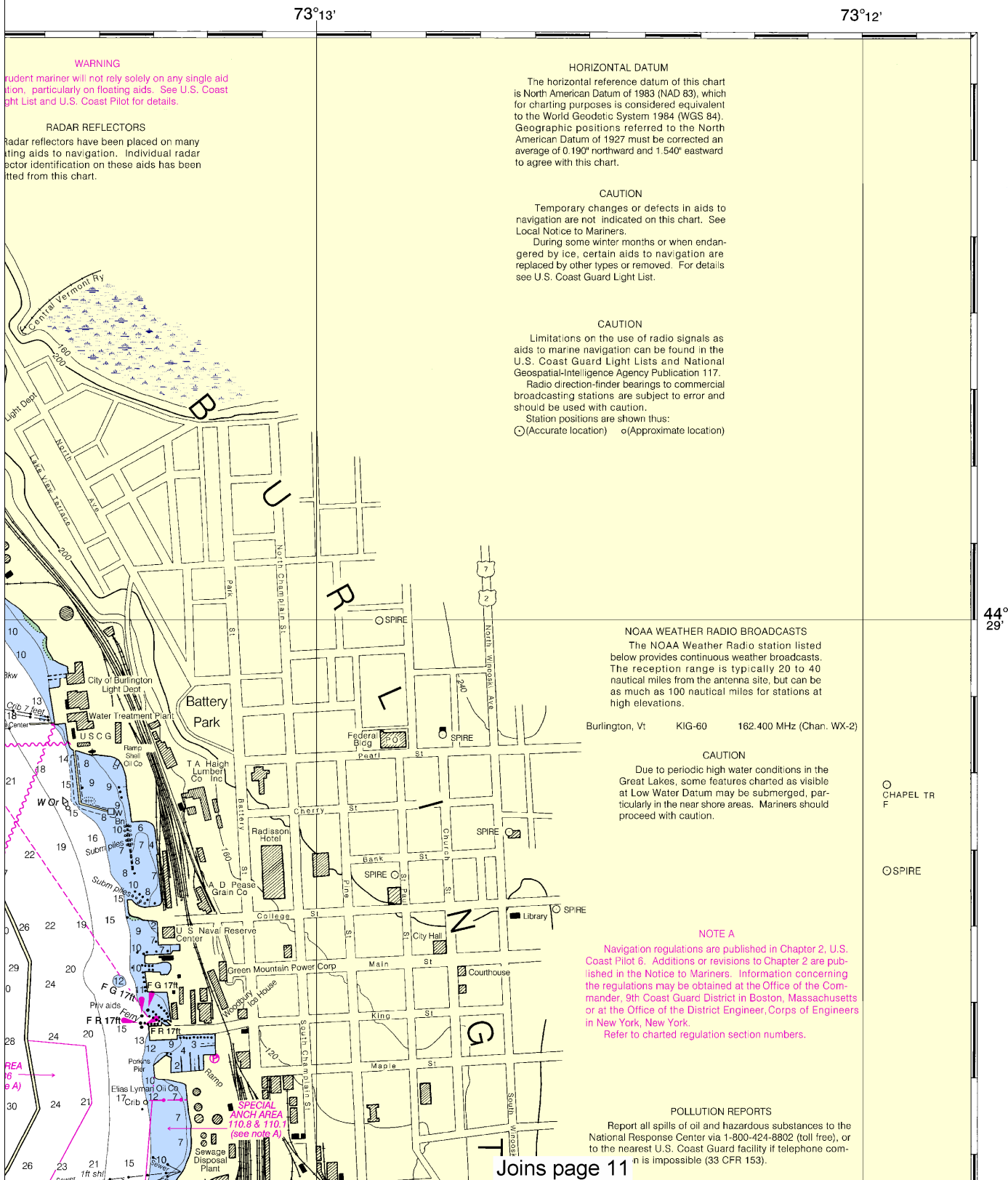
SCALE 1:10,000

See Note on page 5.



# SOUNDINGS IN FEET

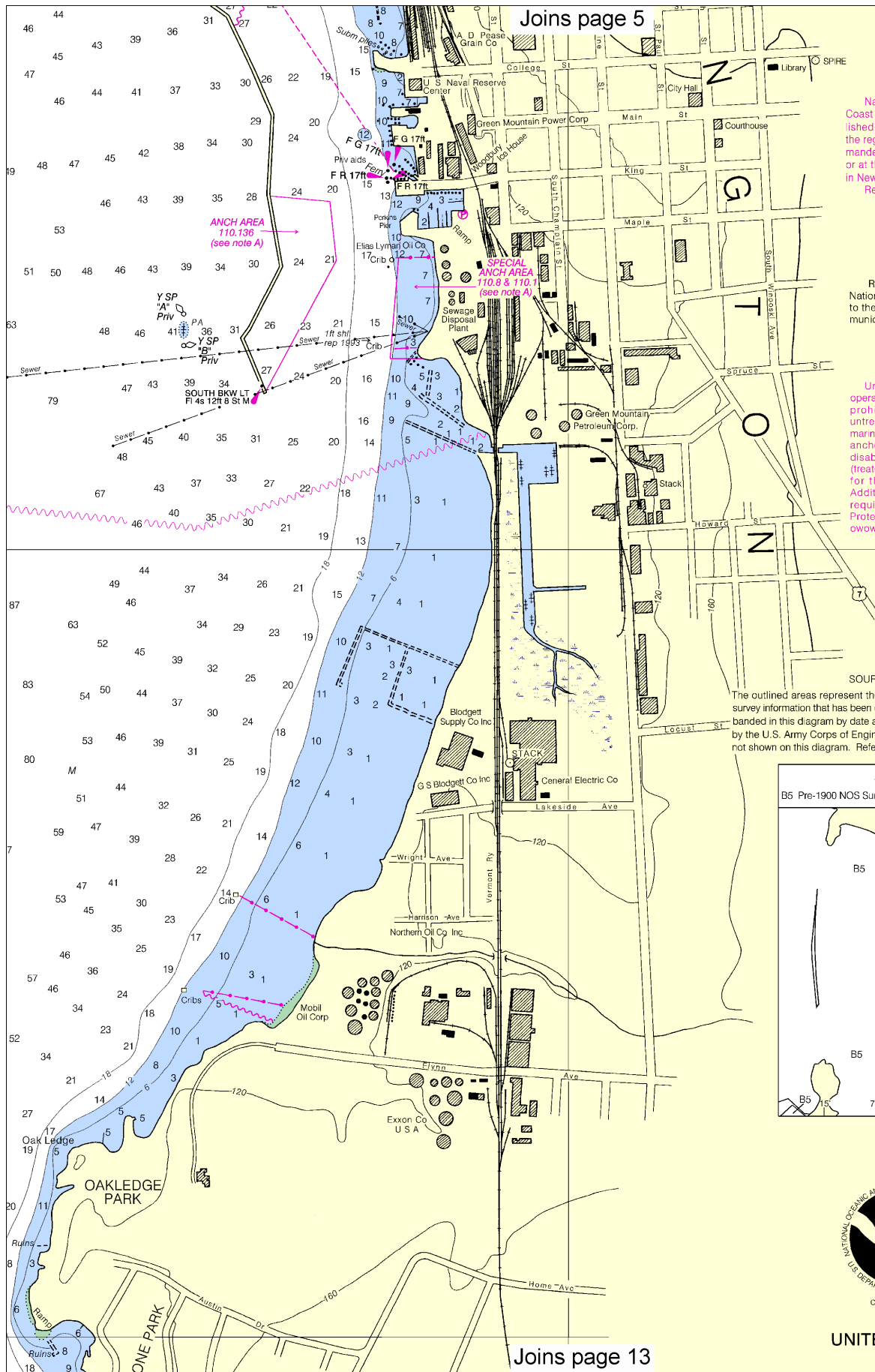
14785



This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 4712 11/27/2012,  
 NGA Weekly Notice to Mariners: 4812 12/1/2012,  
 Canadian Coast Guard Notice to Mariners: 1012 10/26/2012.

7





#### NOTE A

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Refer to charted regulation section numbers.

#### POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

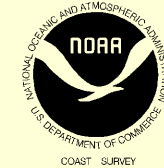
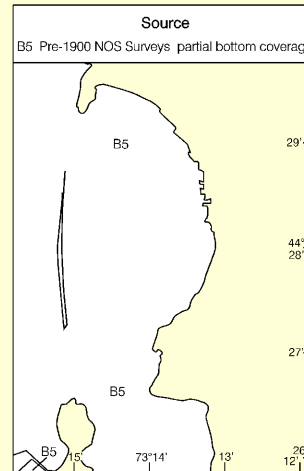
#### NOTE Z

##### NO-DISCHARGE ZONE, 40 CFR 140

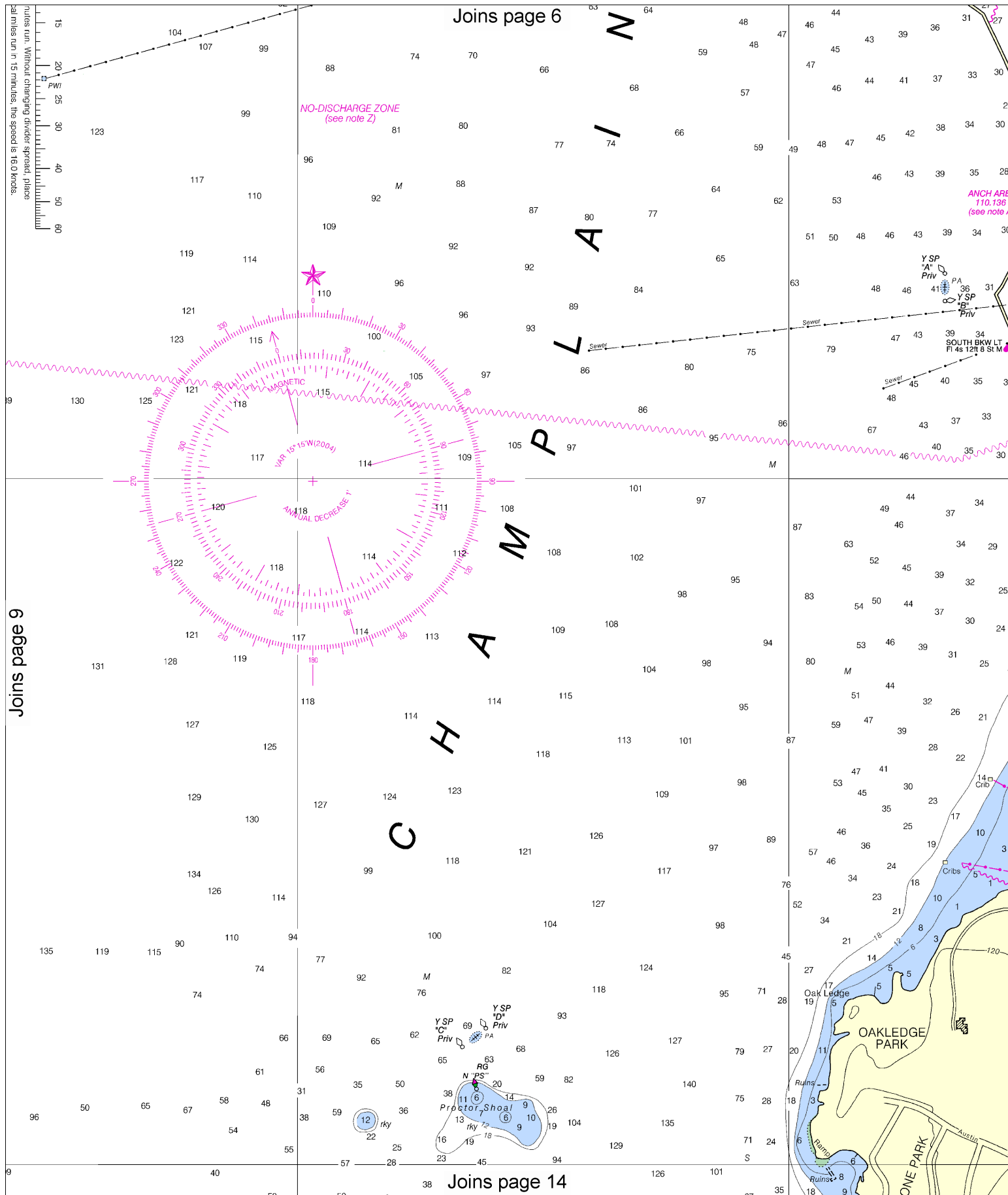
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: [http://www.epa.gov/owow/oceans/regulatory/vessel\\_sewage/](http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/).

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UNITED STATES



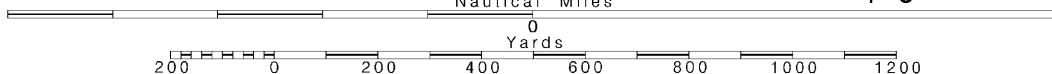
10

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.



OSPIRE

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NOTE Z

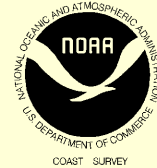
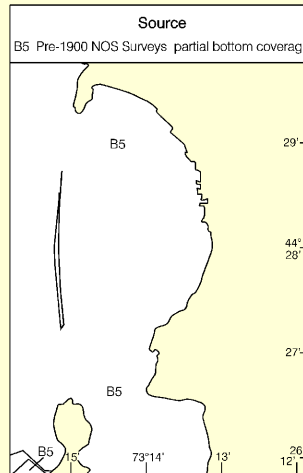
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TANK

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44°  
28'

50°

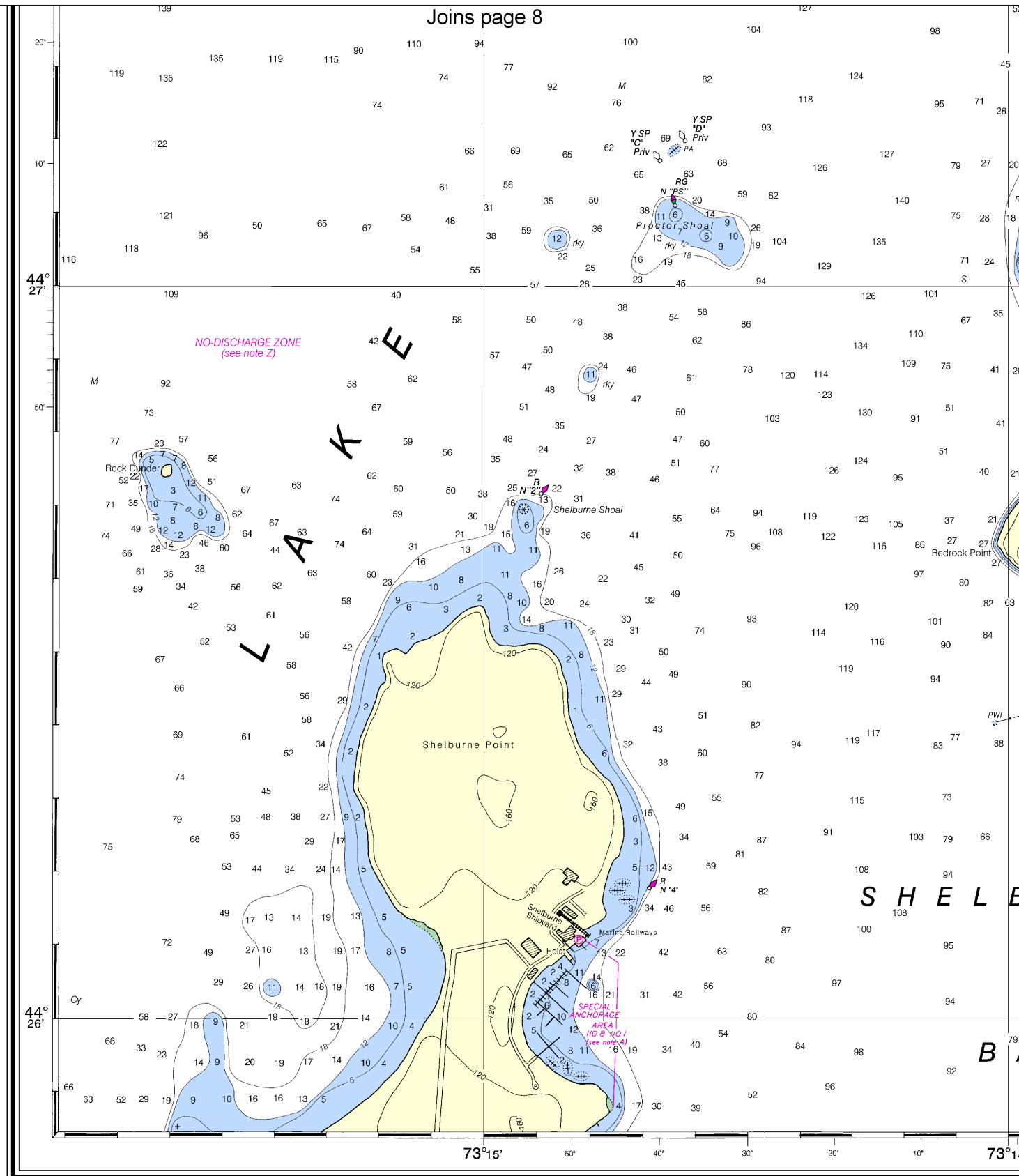
40°

30°

20°

10°

44°  
27'



17th Ed., Feb./04 ■ Corrected through NM Feb. 21/04  
Corrected through LNM Feb. 03/04

14785

U.S.  
NATIONAL O

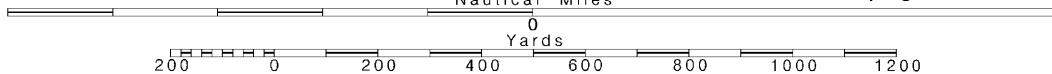
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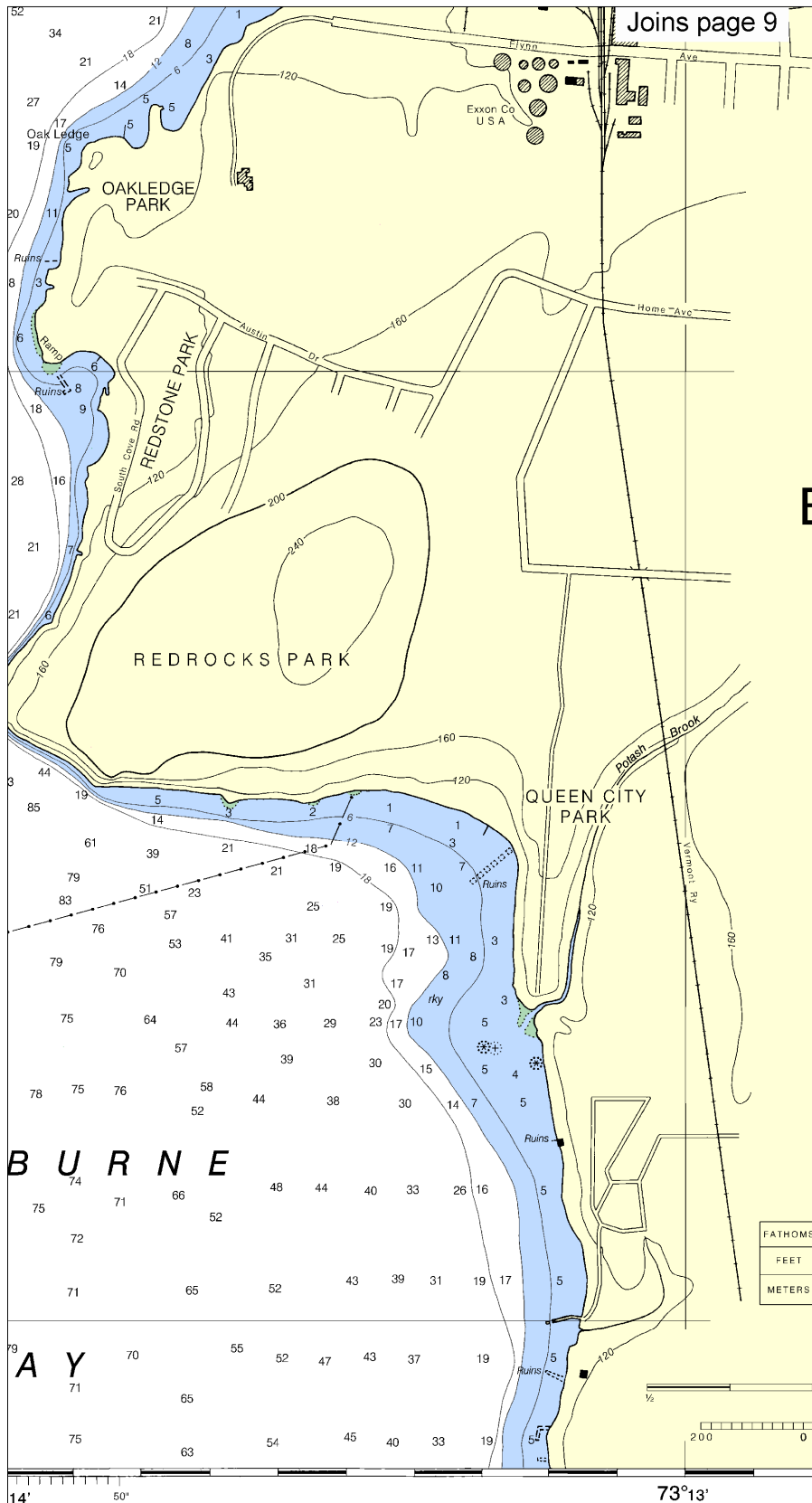
Note: Chart grid  
lines are aligned  
with true north.

Printed at reduced scale.

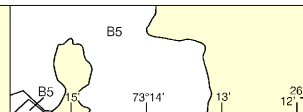
SCALE 1:10,000  
Nautical Miles

See Note on page 5.





Joins page 9



UNITED STATES

LAKE CHAMPLAIN - VERMONT

# BURLINGTON HARBOR

Polyconic Projection  
Scale 1:10,000  
North American Datum of 1983  
(World Geodetic System 1984)

SOUNDINGS IN FEET

Additional information can be obtained at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

## NOTES

COMPARATIVE ELEVATIONS ON LAKE CHAMPLAIN  
(referred to National Geodetic Vertical Datum of 1929)

Mean stage 1900 - 1989, both inclusive ..... 95.8ft.  
PLANE OF REFERENCE ON THIS CHART (Low Lake Level) ..... 93.0ft.  
AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.  
SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.  
AUTHORITIES. Hydrography and Topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

## SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

## CAUTION

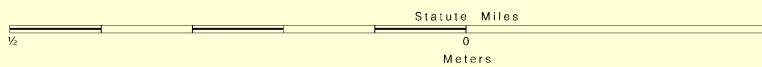
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Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

Pump-out facilities

| FATHOMS | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17  |
|---------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| FEET    | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 |
| METERS  | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17  |

SCALE 1:10,000

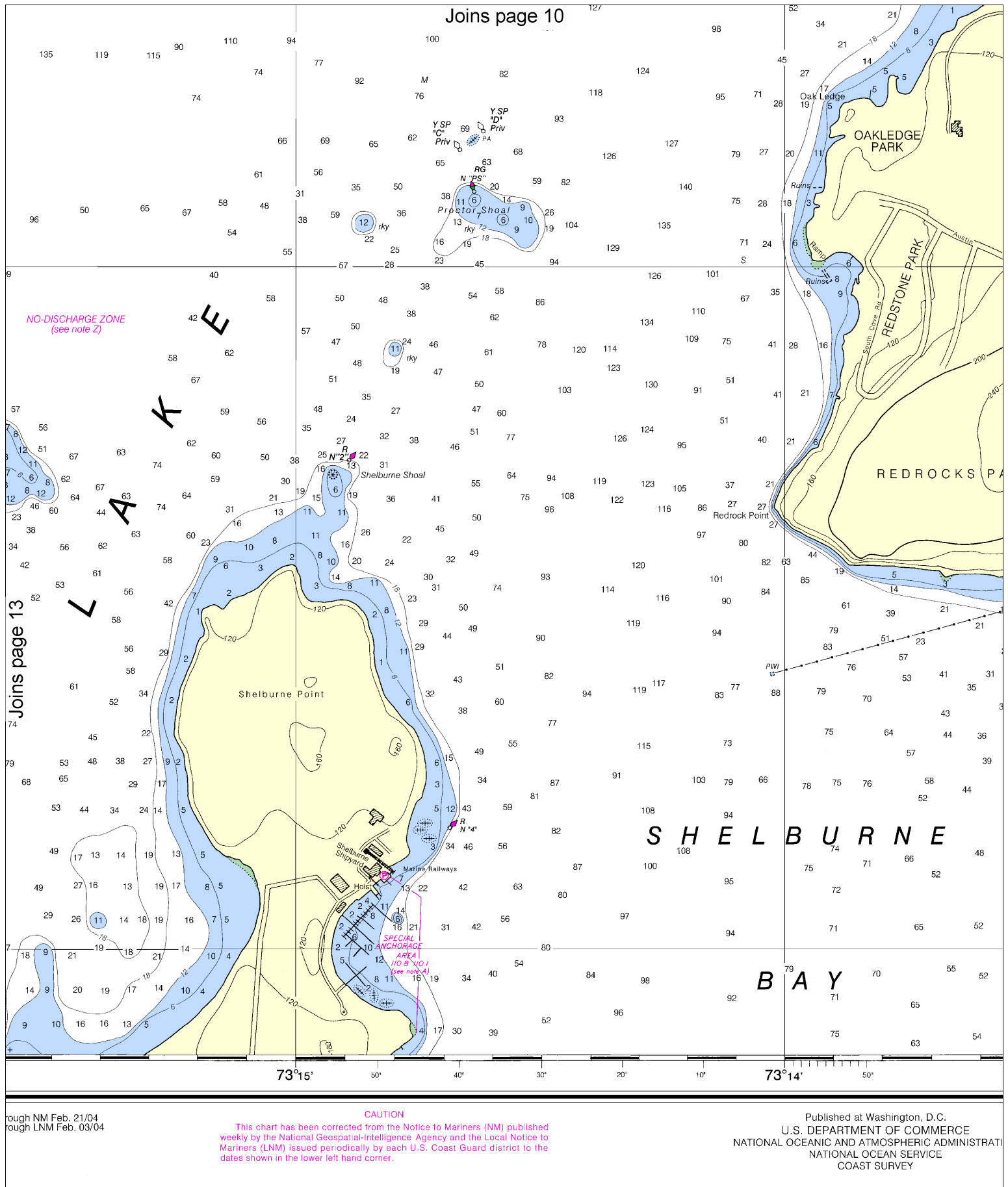


14' 50' 73°13' 73°12'

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

**SOUNDINGS IN FEET**

Burlington Harbor  
SOUNDINGS IN FEET - SCALE 1:10,000

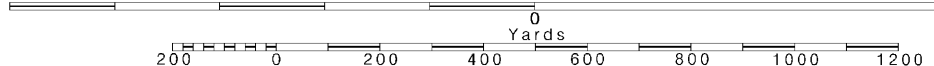


Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000  
Nautical Miles

See Note on page 5.



rough NM Feb. 21/04  
rough LNM Feb. 03/04

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY



UNITED STATES

LAKE CHAMPLAIN - VERMONT

# BURLINGTON HARBOR

Polyconic Projection  
Scale 1:10,000  
North American Datum of 1983  
(World Geodetic System 1984)

SOUNDINGS IN FEET

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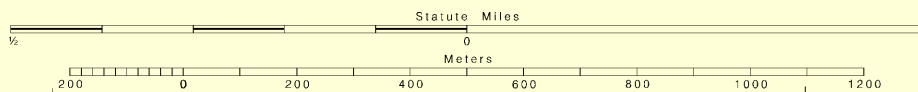
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Ⓟ Pump-out facilities

| FATHOMS | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17  |
|---------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| FEET    | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 |
| METERS  | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17  |

SCALE 1:10,000



73°13'

73°12'

20°

10°

44°  
27'

50°

44°  
26'

SOUNDINGS IN FEET

Burlington Harbor  
SOUNDINGS IN FEET - SCALE 1:10,000

14785



ED NO. 17



NSN 7642014010652  
NGA REFERENCE NO. 14XHA14785



## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

**Channel 9** – Communications between boats and ship-to-coast.

**Channel 13** – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

**Channels 68, 69, 71, 72 and 78A** – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

## Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS!**



**NOAA Weather Radio All Hazards (NWR)** is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

## Quick References

|   |   |   |
|---|---|---|
| Nautical chart related products and information | — | <a href="http://www.nauticalcharts.noaa.gov">http://www.nauticalcharts.noaa.gov</a>   |
| Online chart viewer                             | — | <a href="http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html">http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html</a>             |
| Report a chart discrepancy                      | — | <a href="http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx">http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx</a>                               |
| Chart and chart related inquiries and comments  | — | <a href="http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs">http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs</a> |
| Chart updates (LNM and NM corrections)          | — | <a href="http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html">http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html</a>               |
| Coast Pilot online                              | — | <a href="http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm">http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm</a>                         |
| Tides and Currents                              | — | <a href="http://tidesandcurrents.noaa.gov">http://tidesandcurrents.noaa.gov</a>   |
| Marine Forecasts                                | — | <a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>   |
| National Data Buoy Center                       | — | <a href="http://www.ndbc.noaa.gov/">http://www.ndbc.noaa.gov/</a>   |
| NowCoast web portal for coastal conditions      | — | <a href="http://www.nowcoast.noaa.gov/">http://www.nowcoast.noaa.gov/</a>   |
| National Weather Service                        | — | <a href="http://www.weather.gov/">http://www.weather.gov/</a>   |
| National Hurricane Center                       | — | <a href="http://www.nhc.noaa.gov/">http://www.nhc.noaa.gov/</a>   |
| Pacific Tsunami Warning Center                  | — | <a href="http://ptwc.weather.gov/">http://ptwc.weather.gov/</a>   |
| Contact Us                                      | — | <a href="http://www.nauticalcharts.noaa.gov/staff/contact.htm">http://www.nauticalcharts.noaa.gov/staff/contact.htm</a>                           |



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NOAA's Office of Coast Survey



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